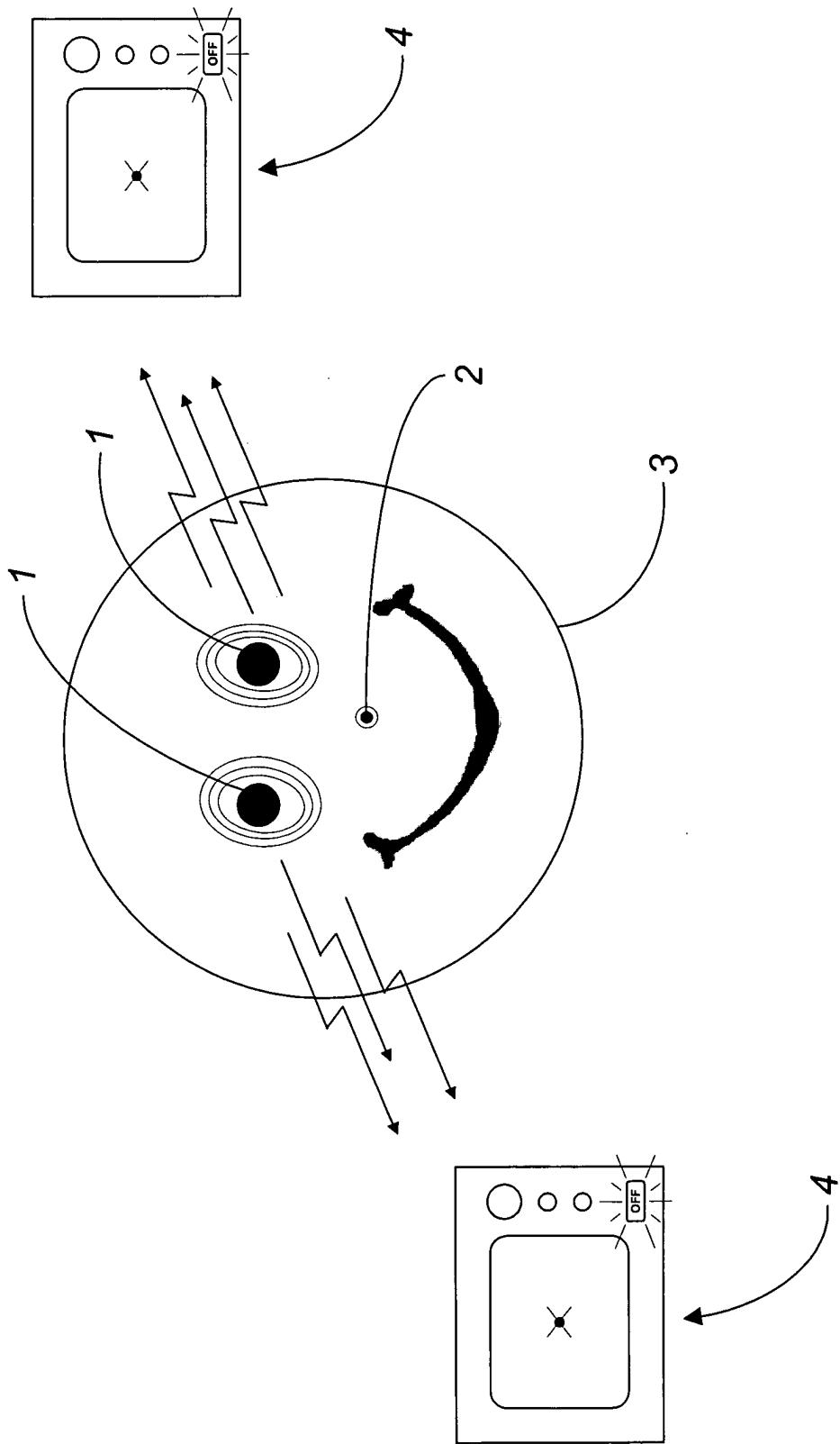


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Mitchell A. Altman
Appl. No.: Unknown Atty Docket: BIGTOE.003A



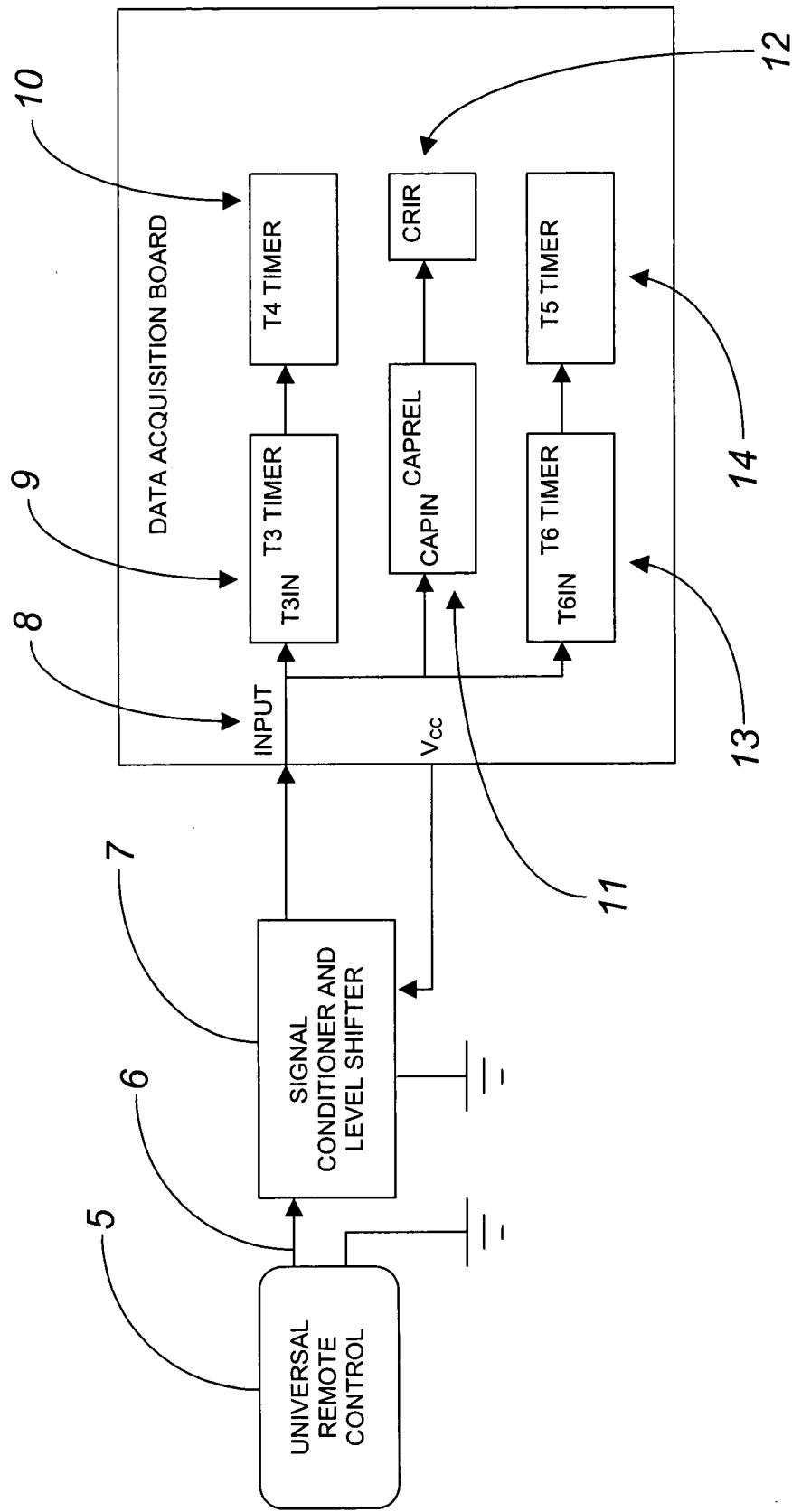


FIG. 2

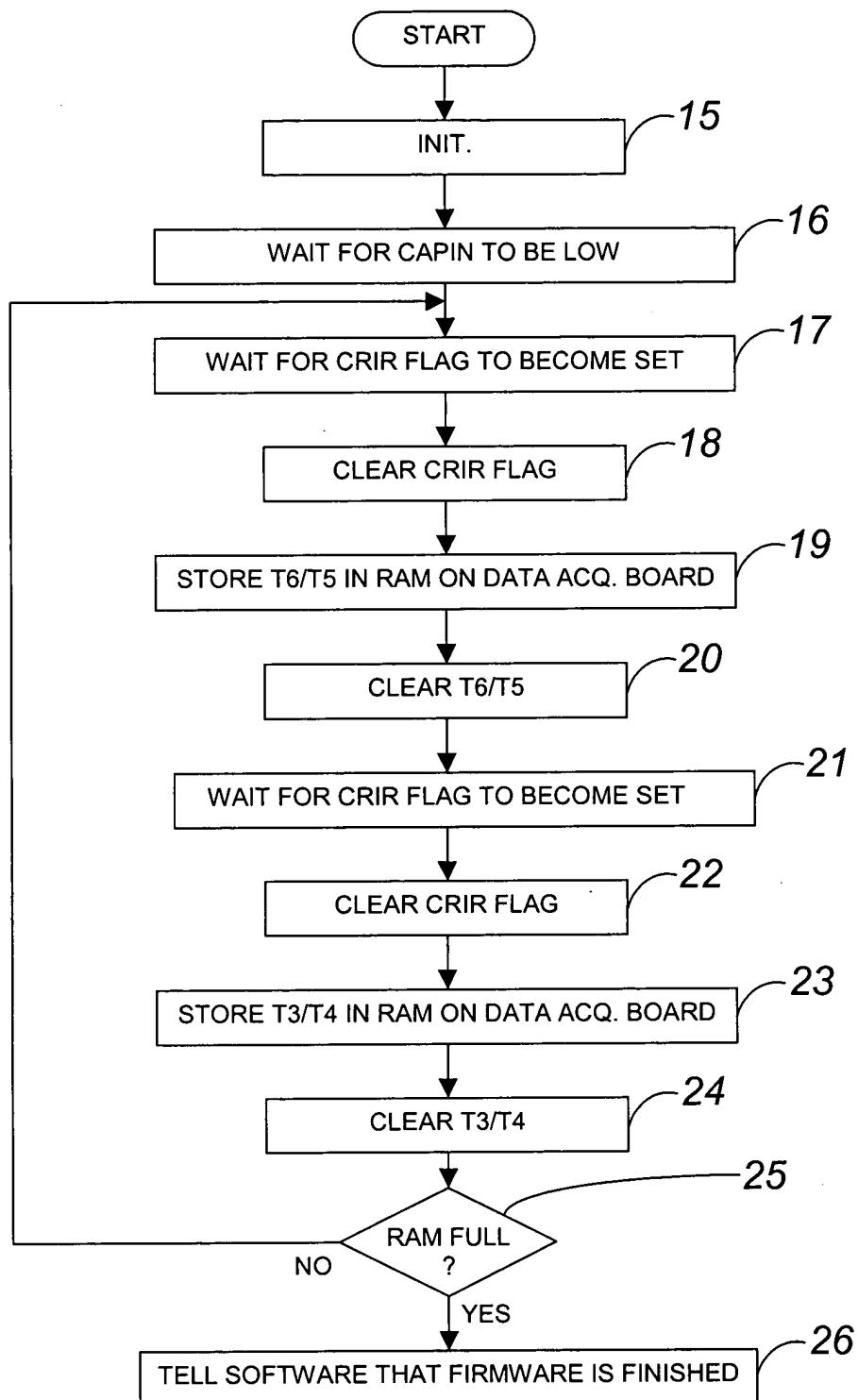


FIG. 3

27

Carrier Average Low period = 18980 nanosec = 76 counts

Carrier Average High period = 20030 nanosec = 80 counts

<u>On-Times (nanosec)</u>	<u>Off-Times (nanosec)</u>	<u>On-Time (counts)</u>	<u>Off-Time (counts)</u>
1157536	987745	579	494
1162496	982785	581	491
1167296	1991905	584	996
1155296	27044384	578	13522
1161856	983265	581	492
1156576	988385	578	494
1166016	1993345	583	997
1150016	27044384	575	13522

FIG. 4

28 →

CONST_ OFF	CONST_ ON	REPEAT_ NO PREAM	REPEAT NO TERM	HOLD DOWN	REPEAT MULT	PREAM	TERM
bit 7	bit 6	bit 5	bit 4	bit 3	bit 2	bit 1	bit 0

FIG. 5

29

```

xx      code_type
xx      Carrier Timer High counts (in counts for Carrier Timer)
xx      Carrier Timer Low counts (in counts for Carrier Timer)
xxxx    Preamble On-Time (in counts for Gating Timer)
xxxx    Preamble Off-Time (in counts for Gating Timer)
xxxx    Const-Time
xxxx    # Time-Tab entries
xx      time_tab    (for CONST_ON or CONST_OFF code_type:
xx      2 bytes for each Off-Time or each On-Time
...      for the other two code_type's:
...      4 bytes for each On-Time/Off-Time pair
...      (in counts for Gating Timer)
xxxxxx  # Sequence Nbbles
xxxxxx  Sequence of Nbbles (pad with a 0 nybble to make an even # of nybbles, if necessary)
xxxxxx  Terminator On-Time (in counts for Gating Timer)
xxxxxx  Terminator Off-Time (in counts for Gating Timer)
xx      # Hold-Down Sequence On-Time/Off-Time pairs
xxxxxx  Hold-Down Sequence On-Time/Off-Time pairs (in counts for Gating Timer)
...
xxxxxx

```

FIG. 6

30

Avg. Low period (counts) = 1E

Avg. High period (counts) = 26

<u>On-Time (counts)</u>	<u>Off-Time (counts)</u>	<u>Sequence offset</u>
699	69E	Preamble
19D	35E	0
19D	696	1
19E	696	1
19D	696	1
19D	697	1
19C	697	1
1A1	69C	1
198	363	0
198	3B81	Terminator

FIG. 7

31 —————→

Avg. Low period (counts) = 42

Avg. High period (counts) = 22

<u>On-Time (counts)</u>	<u>Off-Time (counts)</u>	<u>Sequence offset</u>
1162	8C0	Preamble
11D	361	1
11E	360	1
120	36B	1
11F	35F	1
120	36B	1
11D	361	1
11E	360	1
120	36B	1
11D	109	0
120	113	0
120	113	0
11E	108	0
11F	113	0
120	113	0
11E	108	0
120	113	0
11F	35F	1
11F	36B	1
11F	35F	1
11C	362	1
129	362	1
11F	35F	1
11F	113	0
120	113	0
11D	109	0
120	113	0
11C	10A	0
129	10A	0
120	113	0
11D	109	0
11F	36B	1
120	35F	1
120	5110	2
1162	459	Hold-Down 0
120	B8E4	Hold-Down 1

FIG. 8

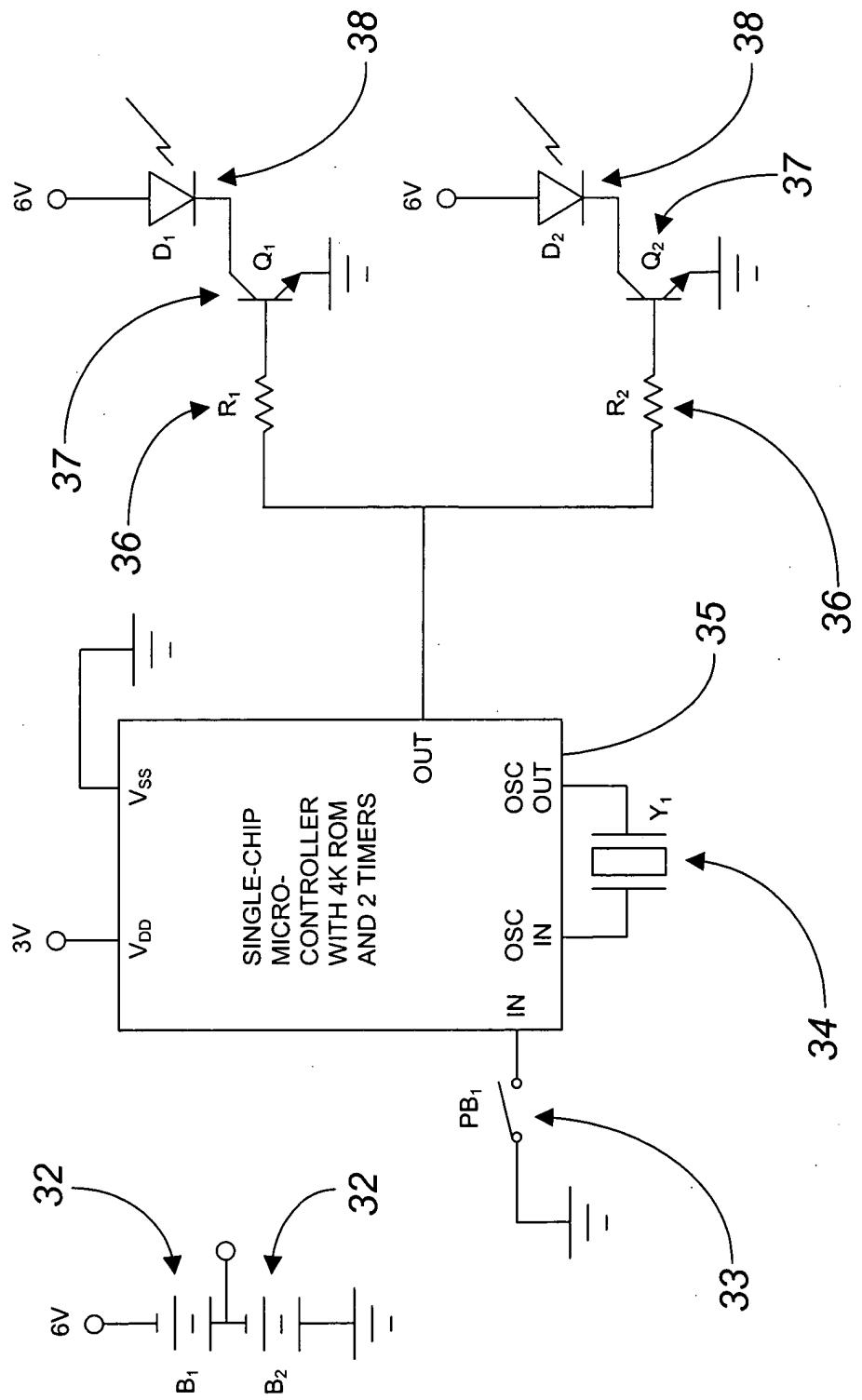


FIG. 9

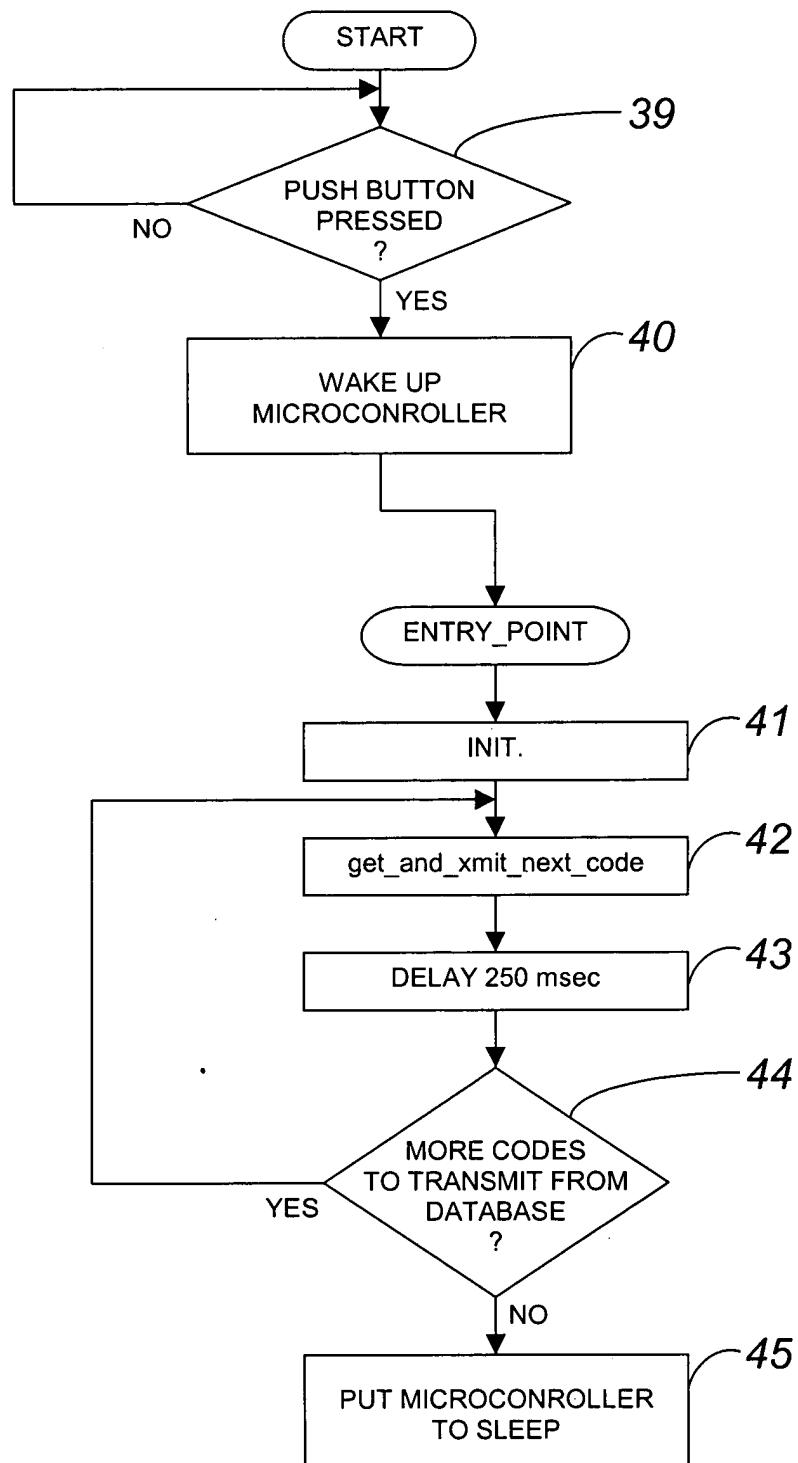


FIG. 10A

FIG. 10B

FIG. 10B₁
FIG. 10B₂
FIG. 10B₃
FIG. 10B₄
FIG. 10B₅

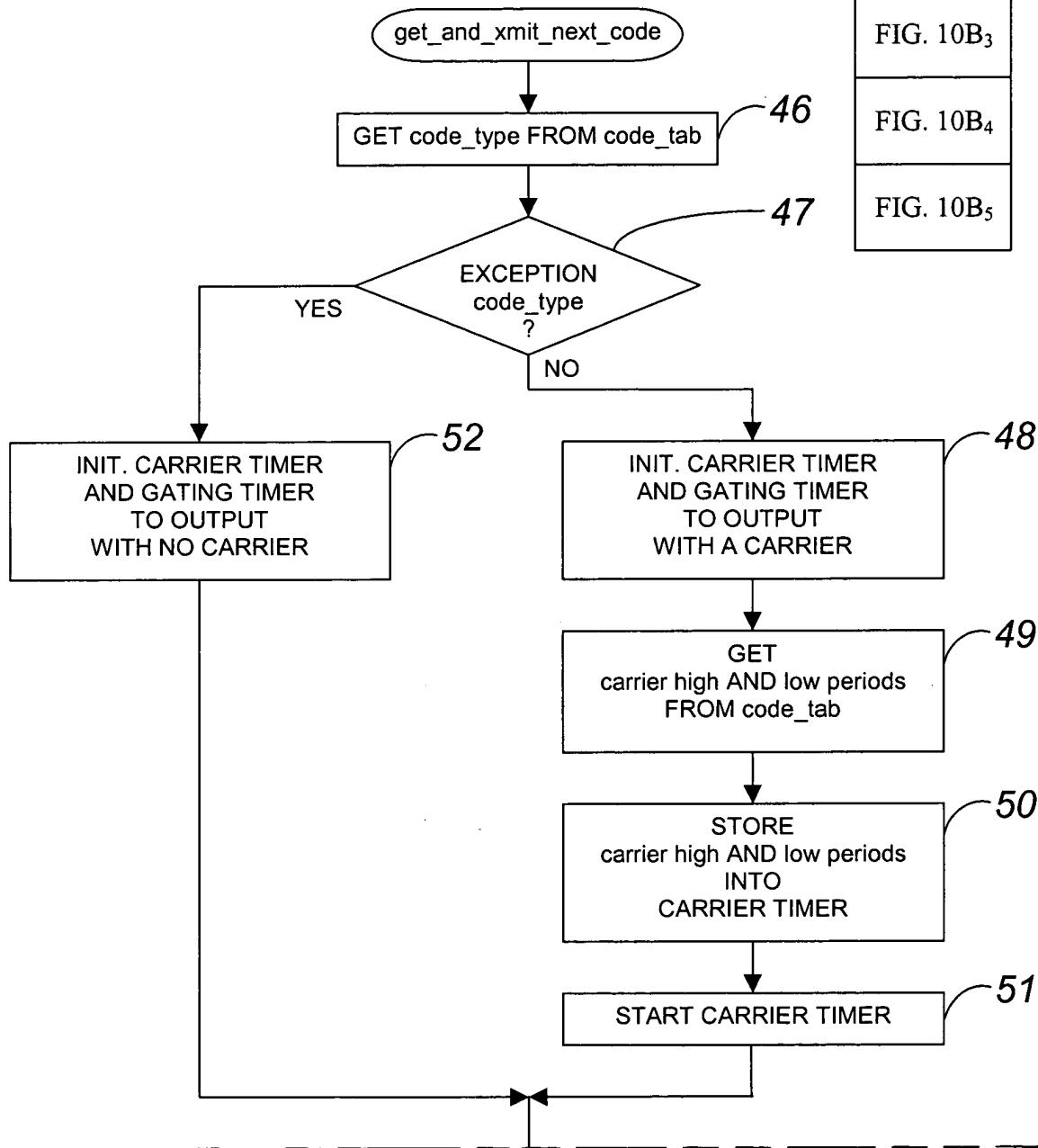
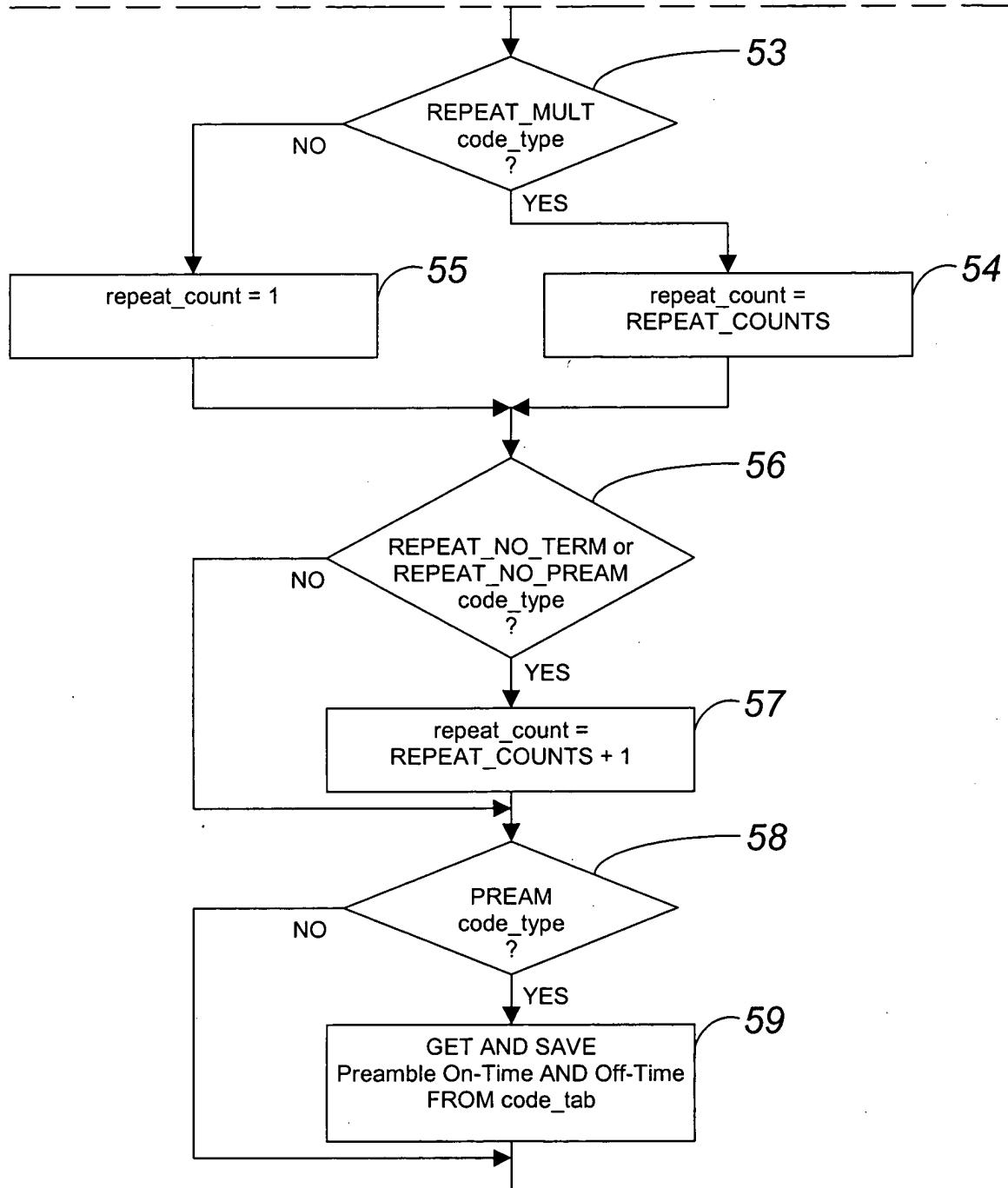


FIG. 10B₁

**FIG. 10B₂**

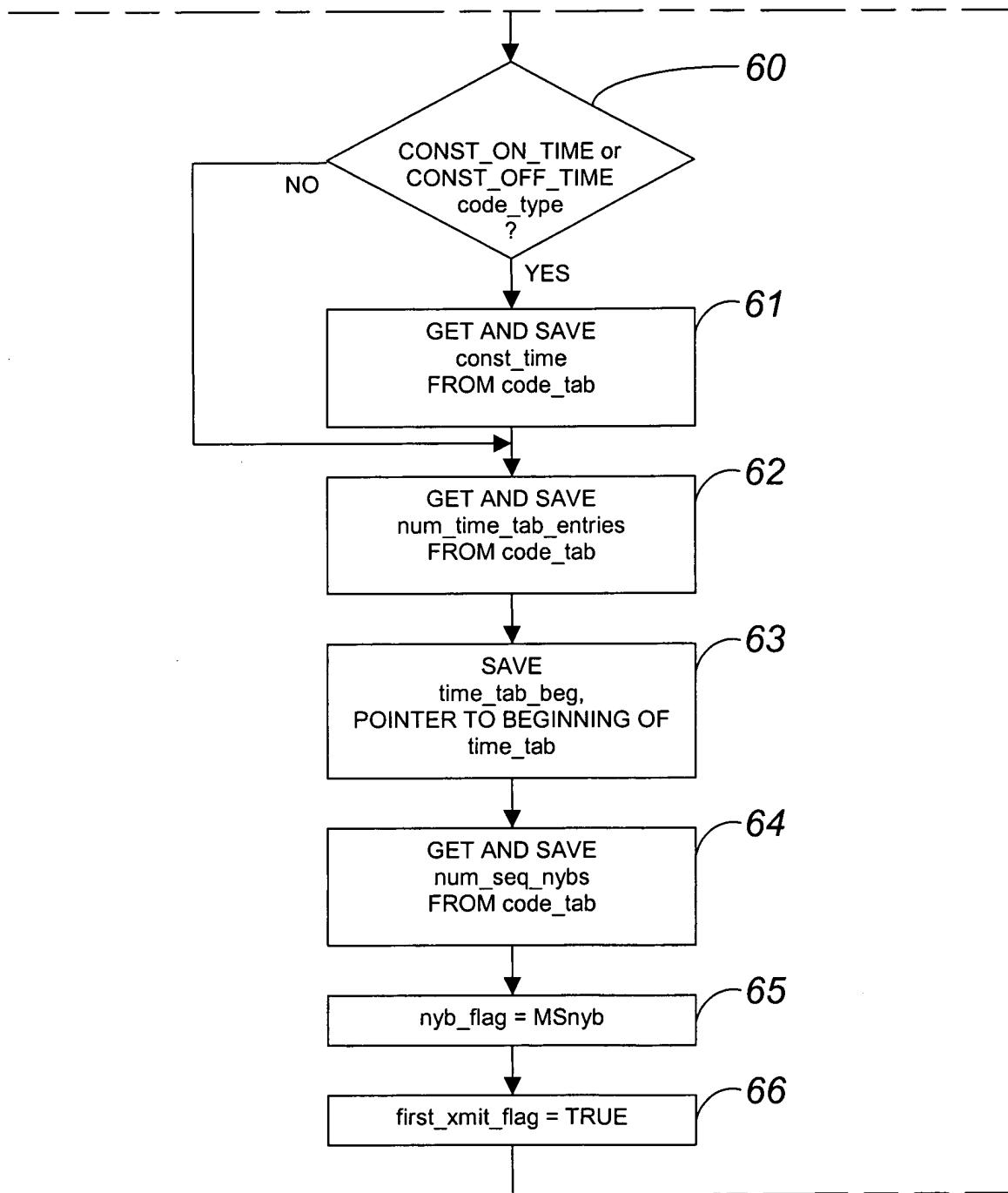


FIG. 10B₃

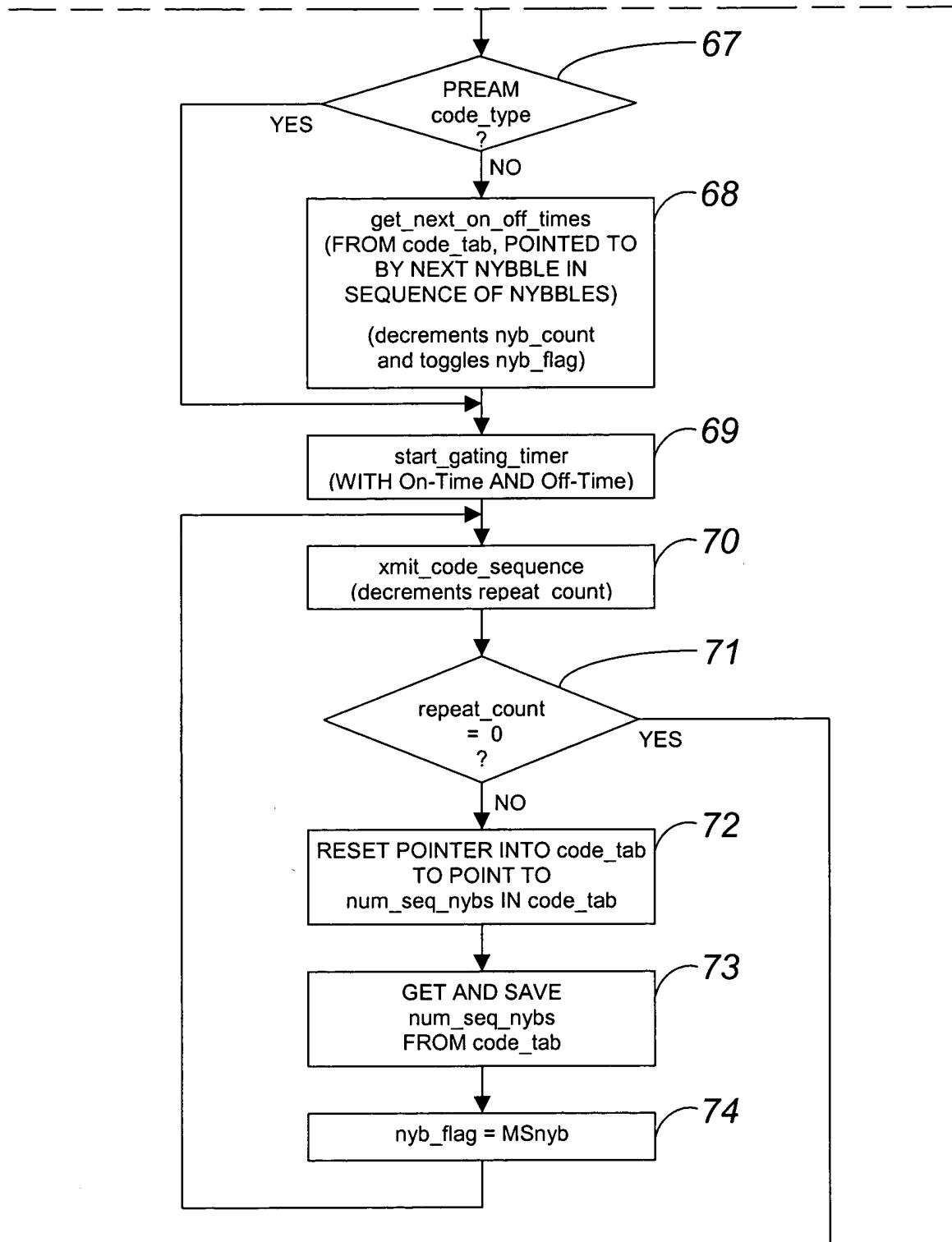


FIG. 10B₄

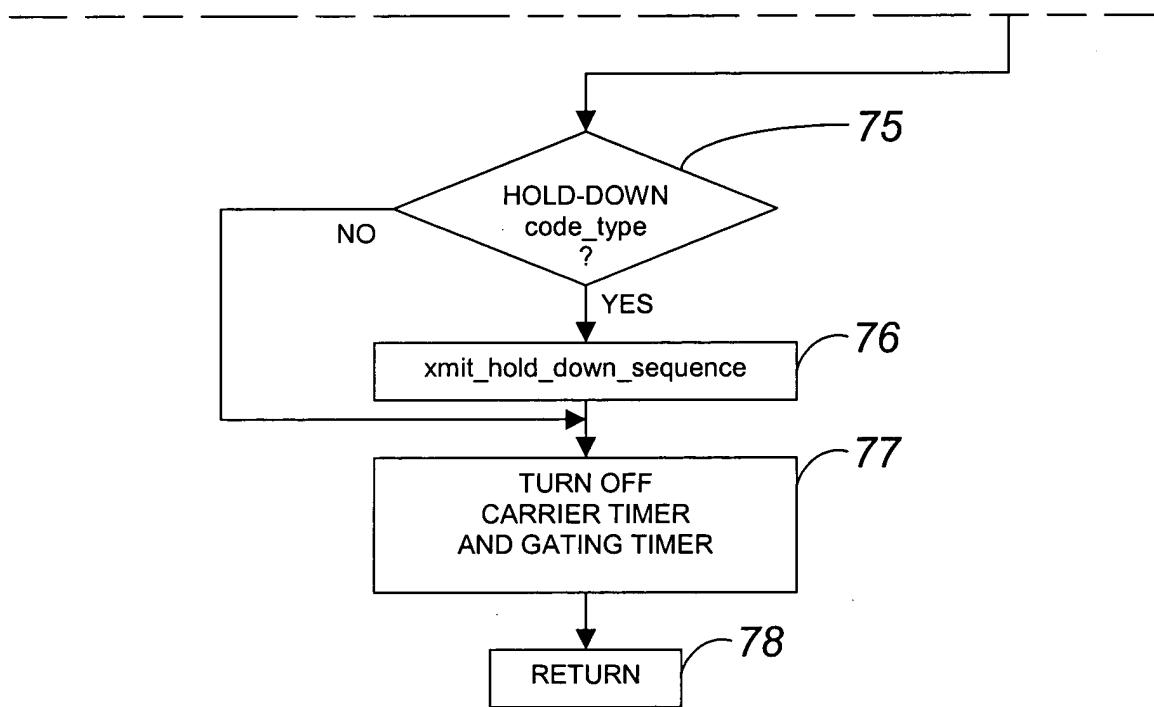


FIG. 10B₅

FIG. 10C

FIG. 10C₁
FIG. 10C₂
FIG. 10C₃

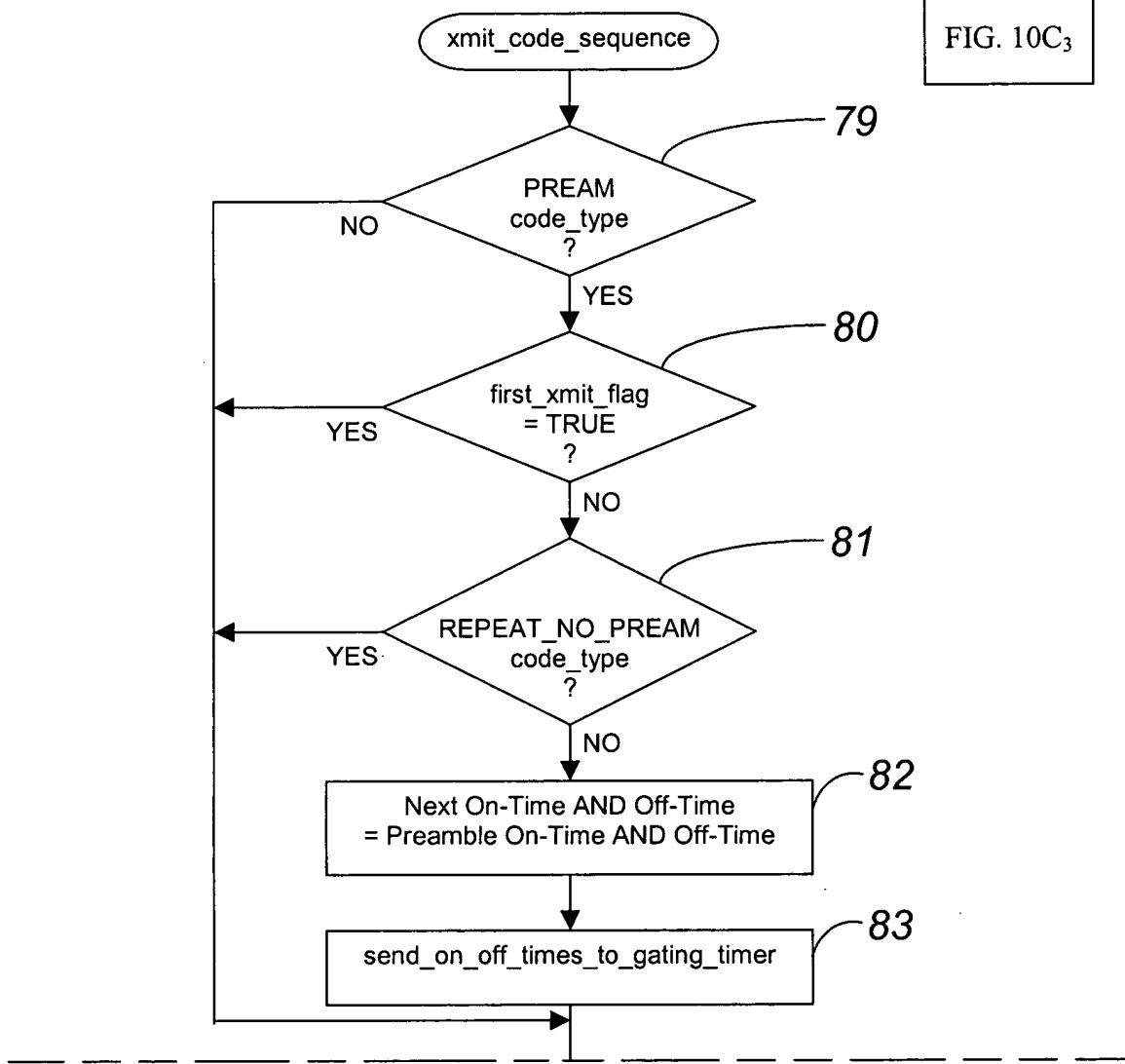


FIG. 10C₁

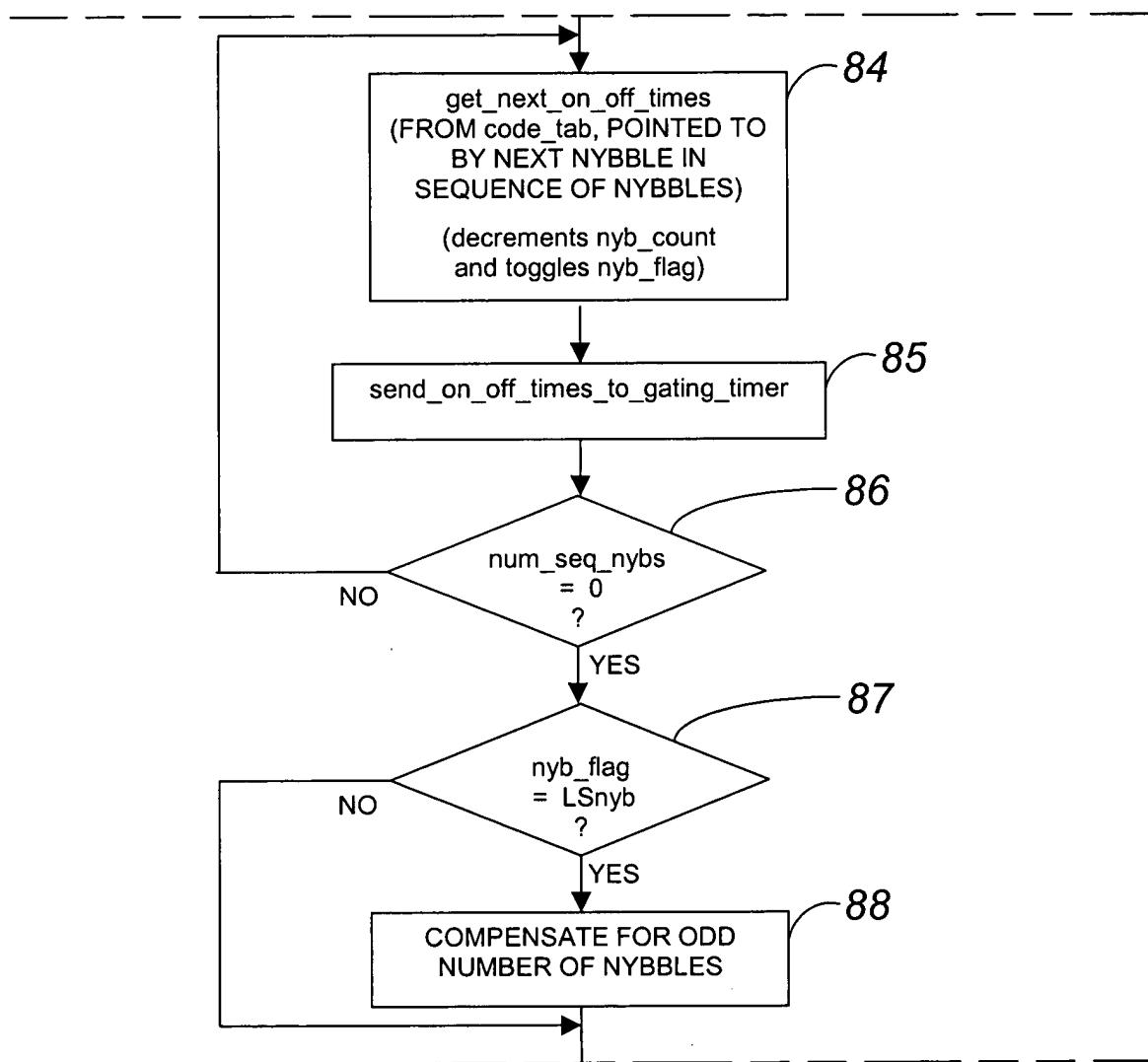


FIG. 10C₂

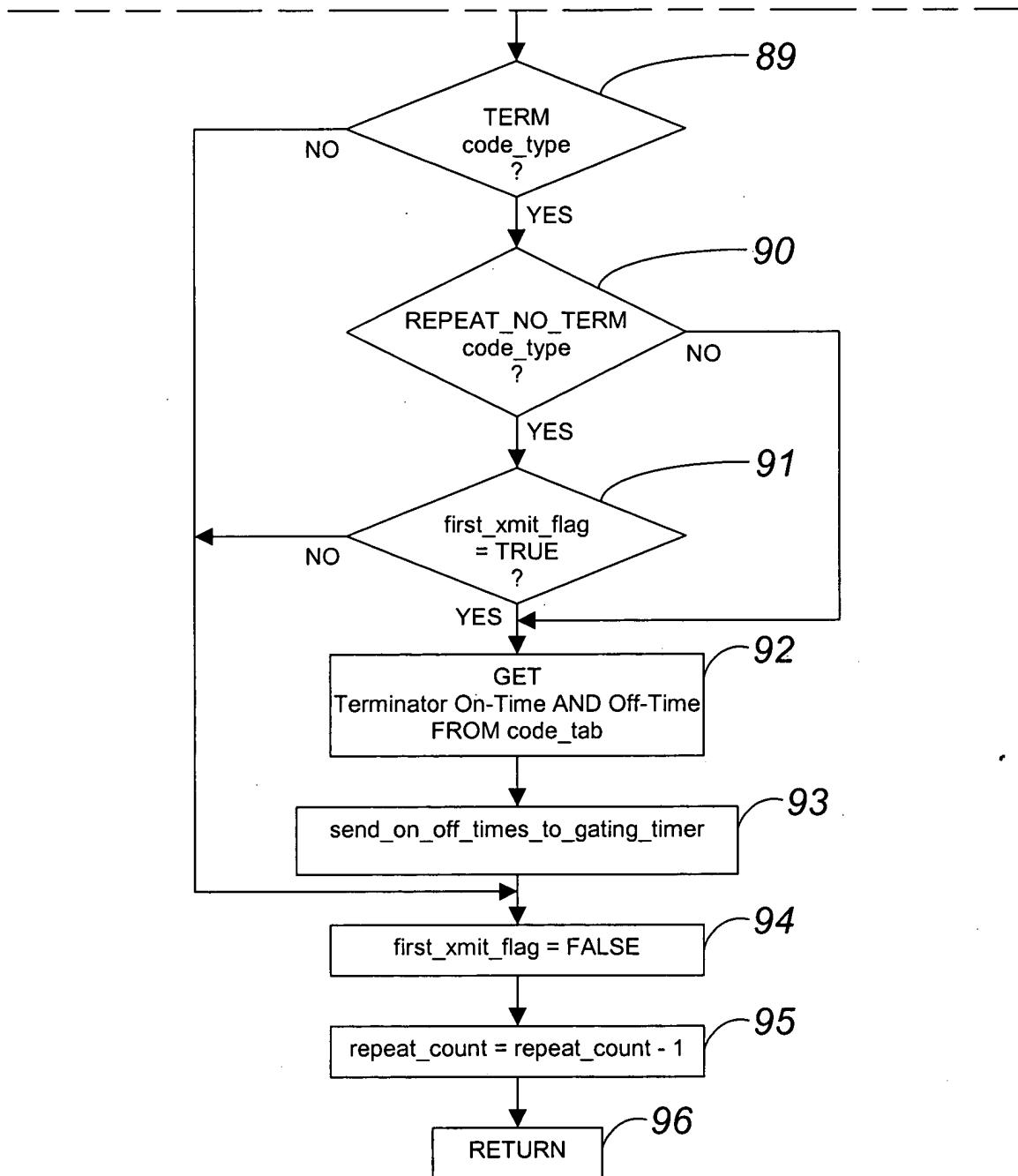


FIG. 10C₃

FIG. 10D

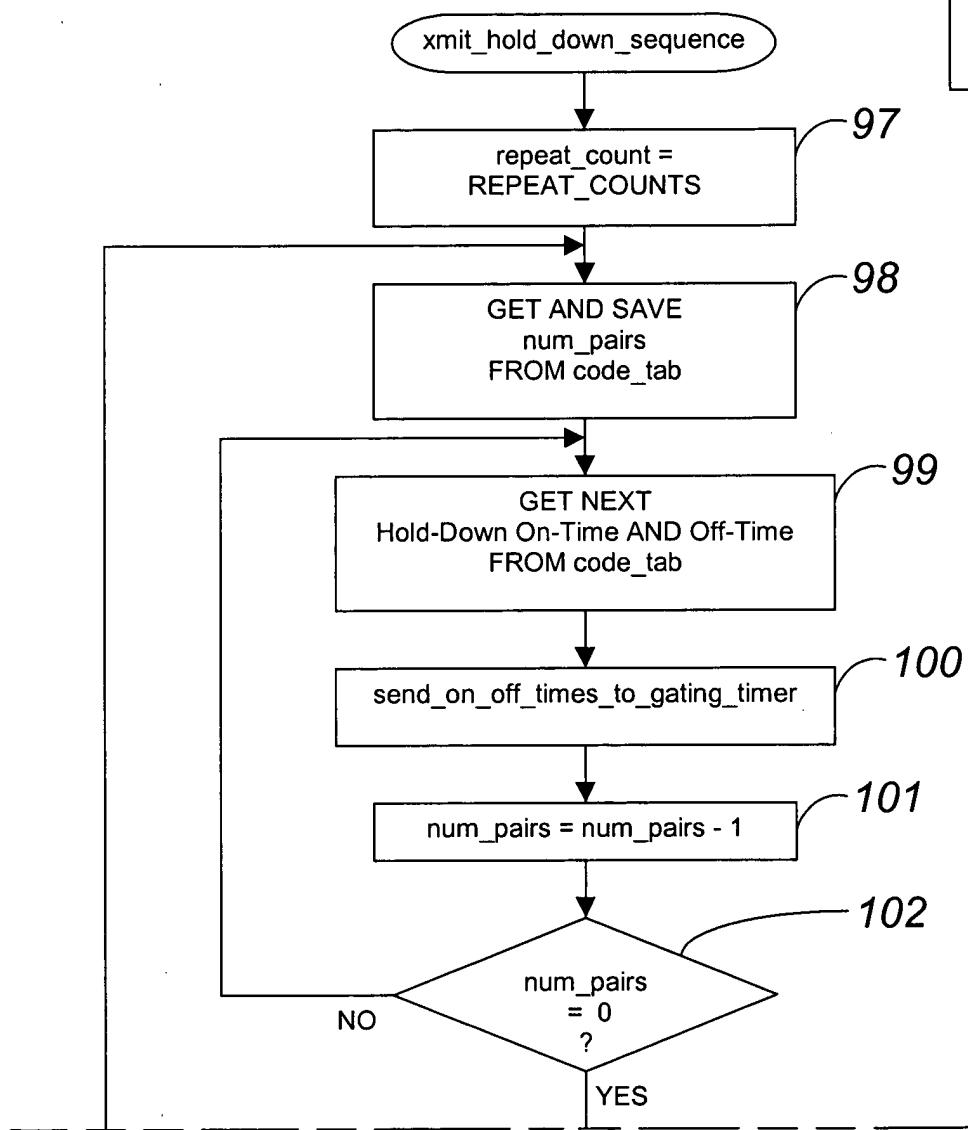
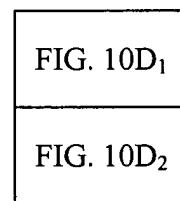


FIG. 10D₁

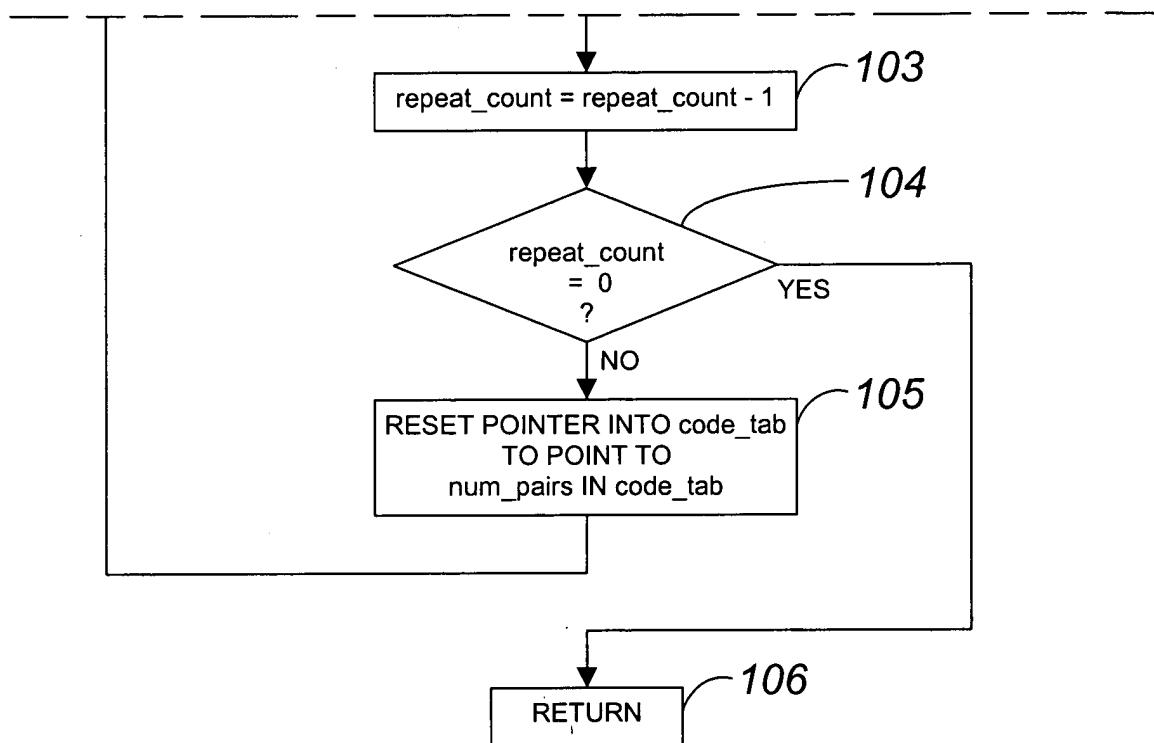


FIG. 10D₂

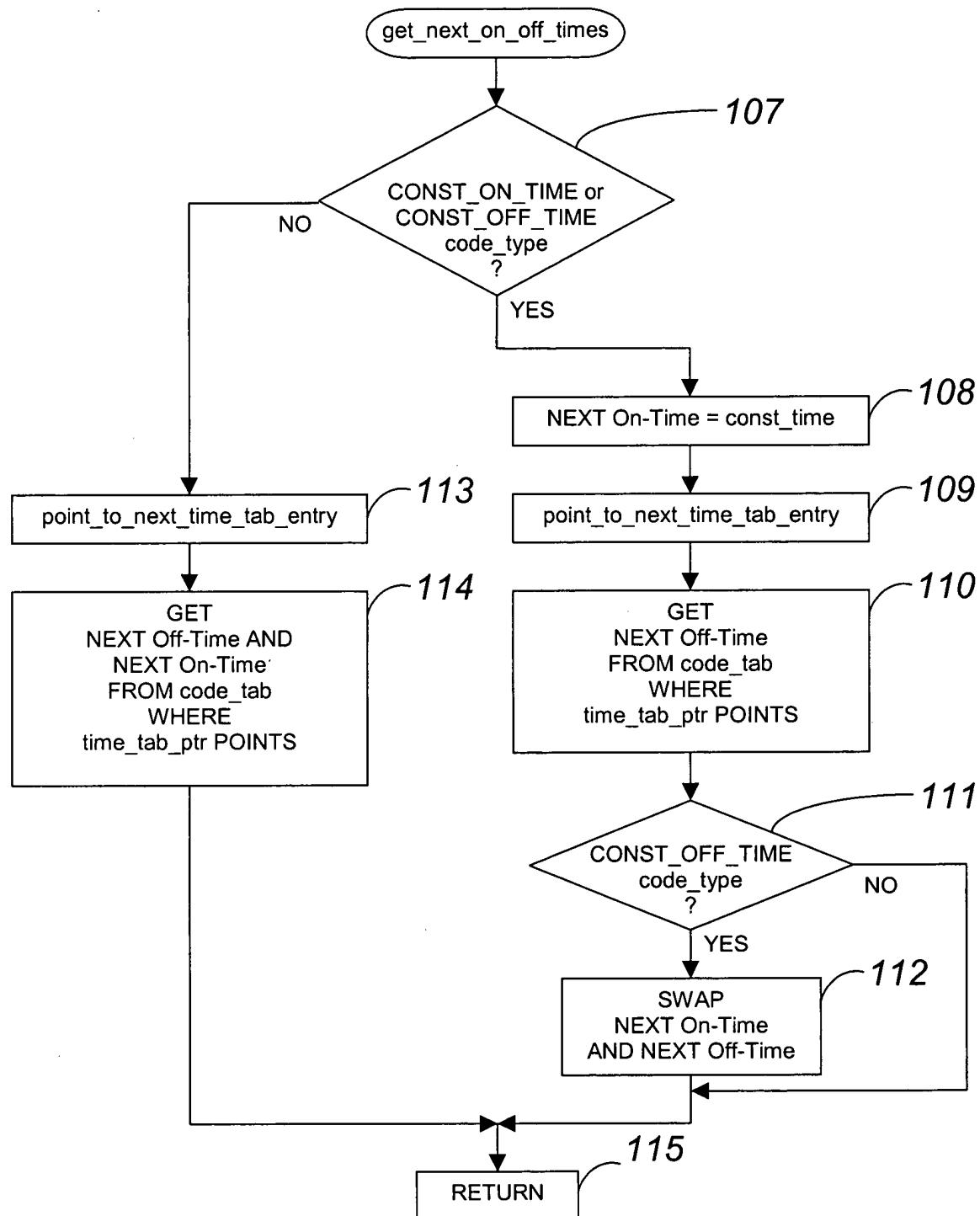


FIG. 10E

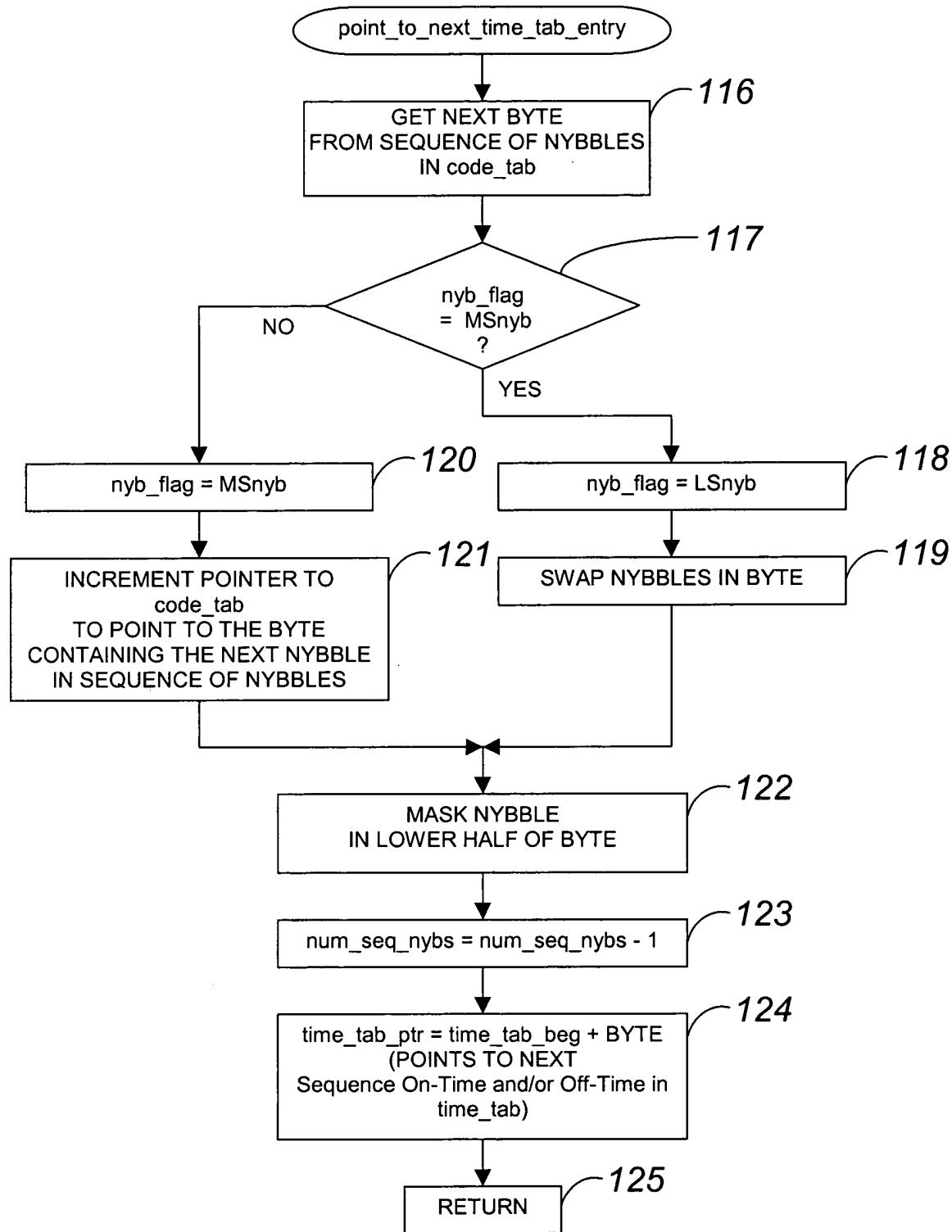


FIG. 10F

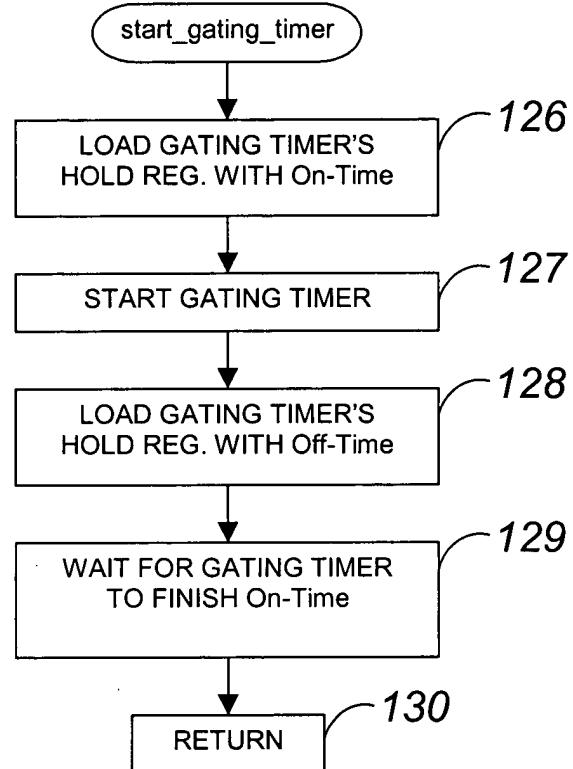


FIG. 10G

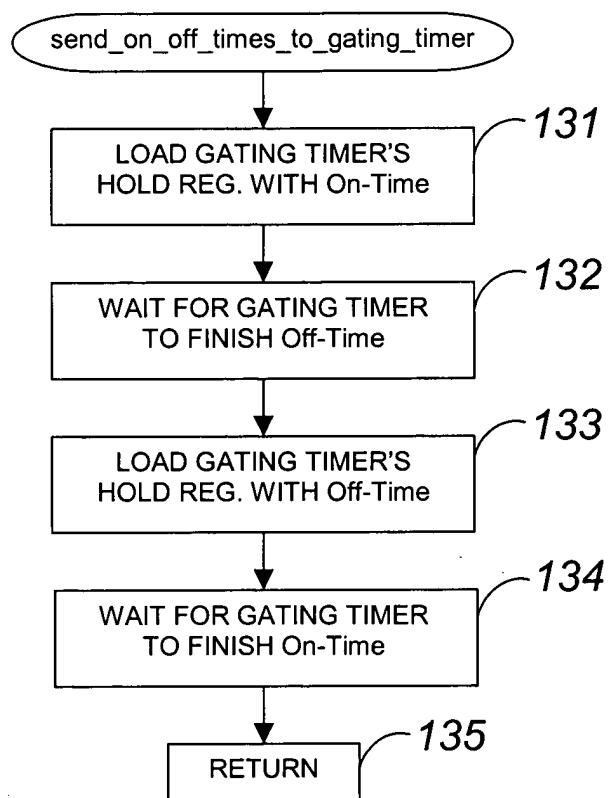


FIG. 10H